

Data Encryption

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A framework for secure execution of software

Antonio Maña, Javier Lopez, Juan J. Ortega, Ernesto Pimentel and José M. Troya

The protection of software applications is one of the most important problems to solve in information...

International Journal of Information Security, Volume 3, Number 2 / November, 2004

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2. Book Chapter

Toward Ubiquitous Acceptance of Biometric Authentication: Template Protection Techniques

Madalina Baltatu, Rosalia D'Alessandro and Roberta D'Amico

...secret sharing scheme. The fundamental goal of this technique is to secure biometric systems sensitive to privacy issues and which rely, at some extent, on...

Lecture Notes in Computer Science, Biometric Authentication

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3. Book Chapter

Biometric User Authentication for Heightened Information Security

Qinghan Xiao

...Unlike the common post-boot authentication method, an approach of pre-boot biometric authentication is presented with different solutions to enhance network security. In real...

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4. Book Chapter

Biometric Recognition: How Do I Know Who You Are?

Anil K. Jain

...physiological and/or behavioral characteristics that are inherent to the person. Although biometric systems have been successfully deployed in a number of civilian applications, current...

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5. Book Chapter

Improving the Binding of Electronic Signatures to the Signer by Biometric Authentication

Olaf Henniger, Björn Schneider, Bruno Struif and Ulrich Waldmann

Due to the fact that the biometric characteristics of a person are bound to that person, biometric

methods deployed...

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6. Book Chapter

Secure Biometric Authentication for Weak Computational Devices

Mikhail J. Atallah, Keith B. Frikken, Michael T. Goodrich and Roberto Tamassia

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7. Book Chapter

Soft Generation of Secure Biometric Keys

Jovan Dj. Golić and Madalina Balătu

...new, soft two-level approach for the generation of multiple and revocable biometric keys, adapted to the analog nature of biometric signals, is proposed. It...

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8. Book Chapter

On the Rila-Mitchell Security Protocols for Biometrics-Based Cardholder Authentication in Smartcards

Raphael C.-W. Phan and Boi-Min Gol

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9. Book Chapter

One User, Many Hats; and, Sometimes, No Hat: Towards a Secure Yet Usable PDA

Frank Stajano

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Raphael C.-W. Phan and Boi-Min Gol

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1. Book Chapter

A Formal Study of the Privacy Concerns in Biometric-Based Remote Authentication Schemes

Qiang Tang, Julien Bringer, Hervé Chabanne and David Pointcheval

...we propose a novel security model to formalize the privacy concerns in biometric-based remote authentication schemes. Our security model covers a number of practical...

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2. Book Chapter

Improving the Binding of Electronic Signatures to the Signer by Biometric Authentication

Olaf Henniger, Björn Schneider, Bruno Struif and Ulrich Waldmann

Due to the fact that the biometric characteristics of a person are bound to that person, biometric methods deployed...

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3. Book Chapter

Biometric yet Privacy Protecting Person Authentication

Gerrit Bleumer

...equipped with a tamper resistant biometric authentication facility. We...

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4. Book Chapter

Capacity and Examples of Template-Protecting Biometric Authentication Systems

Pim Tuyis and Jasper Goseling

In this paper, we formulate precisely the requirements for privacy protecting biometric authentication systems. The secrecy capacity C is investigated for the discrete...

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5. Book Chapter

Secure Biometric Authentication for Weak Computational Devices

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6 Book Chapter
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7 Book Chapter
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8 Book Chapter
Model-Based Security Engineering with UML
Jan Jürjens
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PDF (803.8 KB)

9 Book Chapter
Trusted Mobile Platforms
Eimear Gallery and Chris J. Mitchell
...focus in particular on three mobile applications, namely OMA DRM, SIMLock, and software download
Lecture Notes in Computer Science, Foundations of Security Analysis and Design IV
PDF (888.4 KB)

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PDF (135.4 KB)
